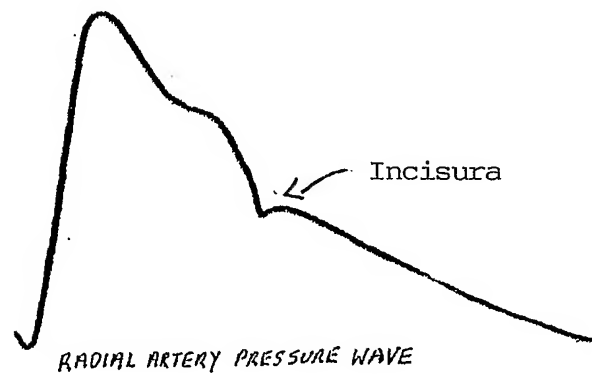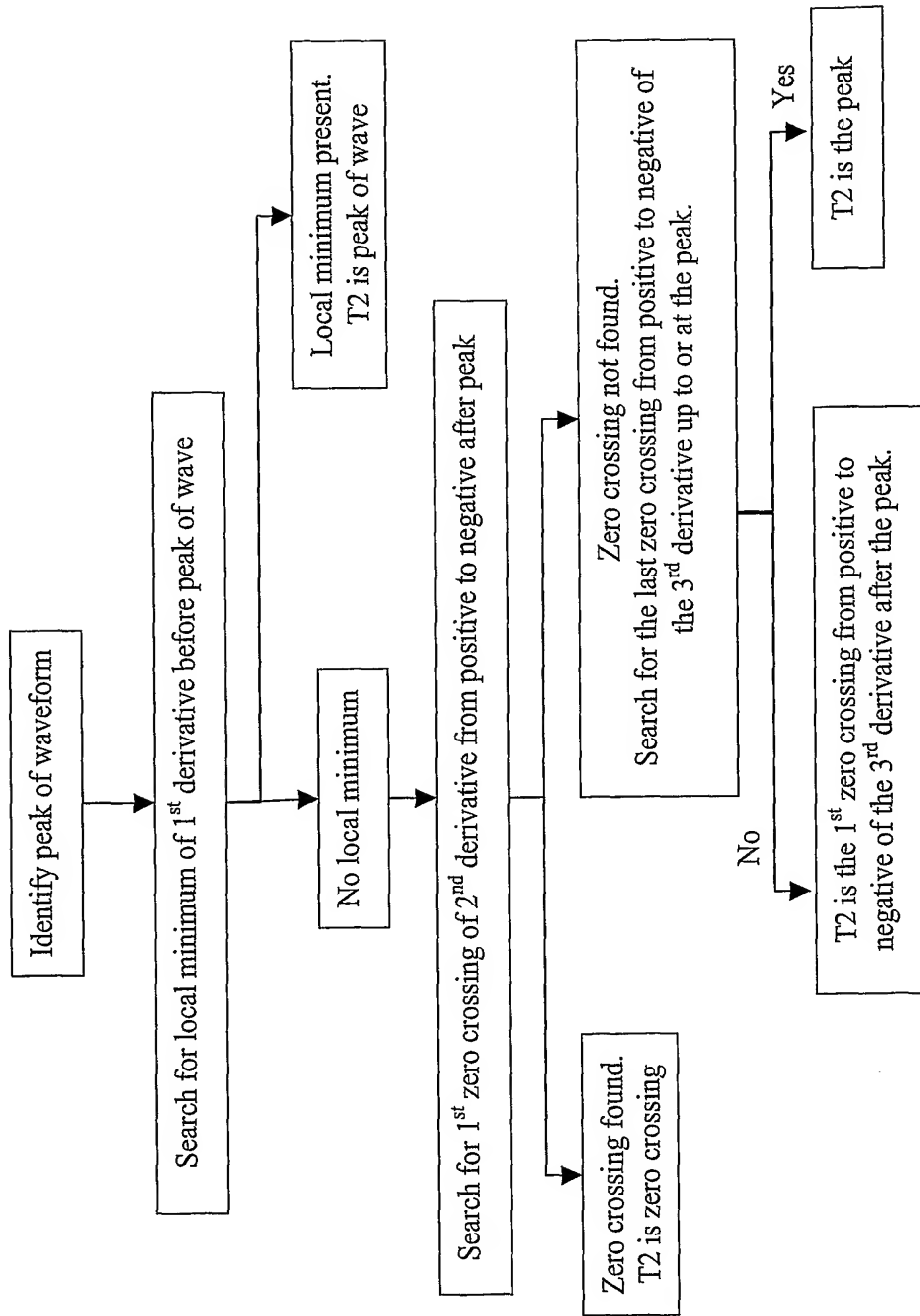Figure 1

Figure 2

Figure 3

Note: The search will be conducted from the start of the wave to 40% of its length
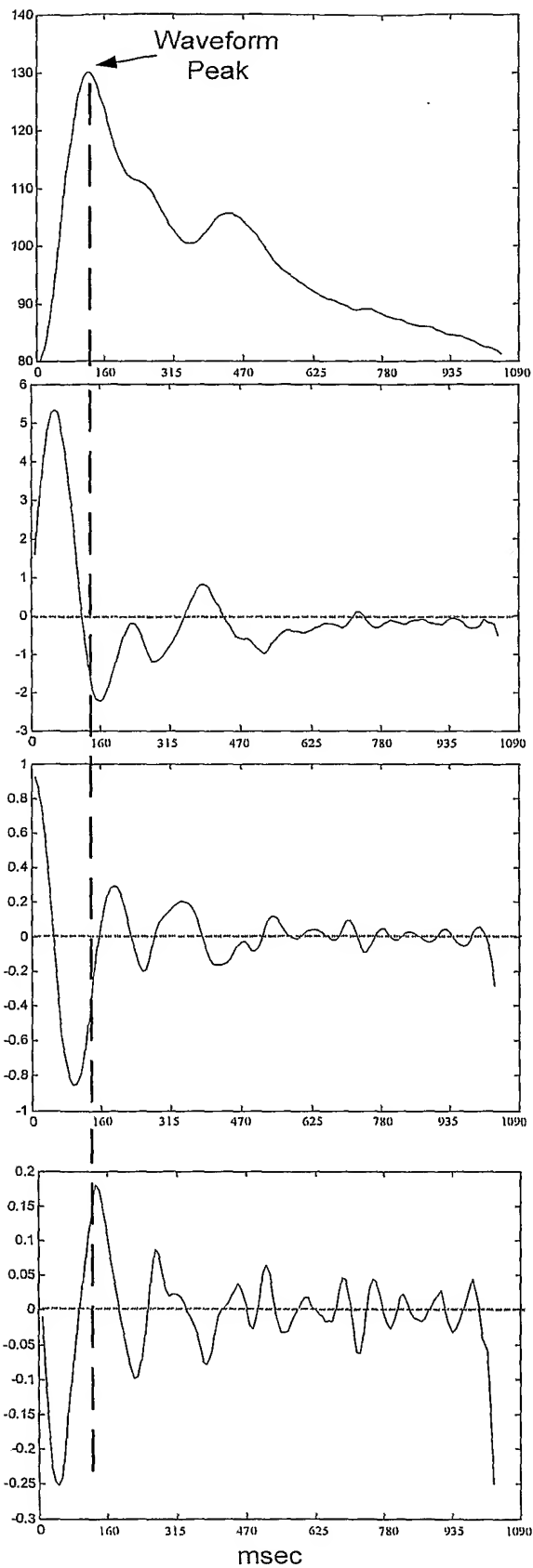
Fig. 4a

Pressure
Waveform
Type 1

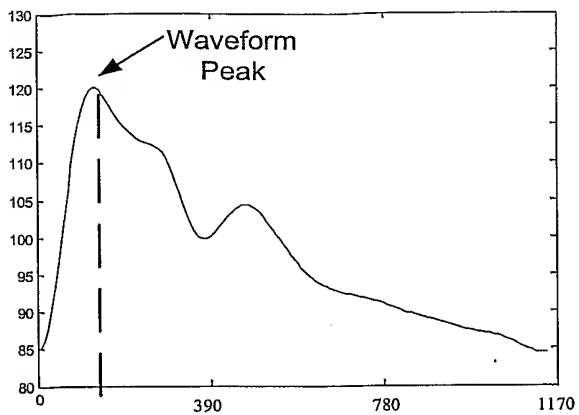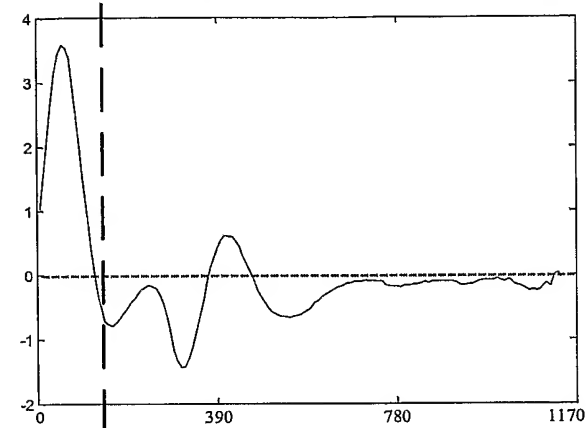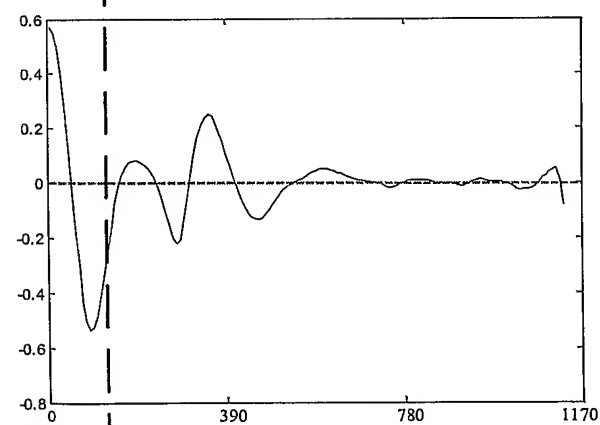1st Derivative

2nd Derivative

3rd Derivative

Fig 4b

Pressure
Waveform
Type 2

1st Derivative

2nd Derivative

3rd Derivative

Fig 4c

Pressure
Waveform
Type 3

1st Derivative

2nd Derivative

3rd Derivative

msec

Fig 4d
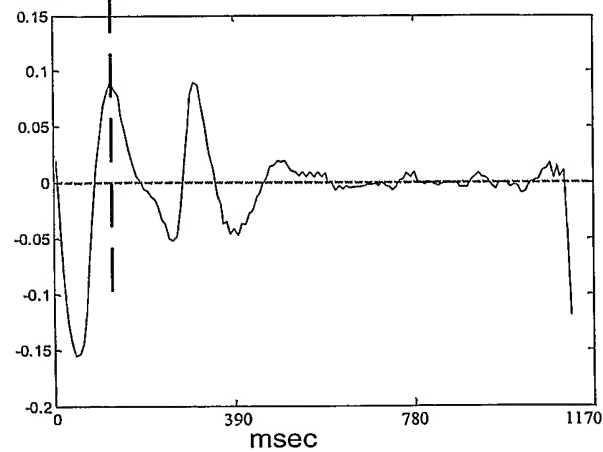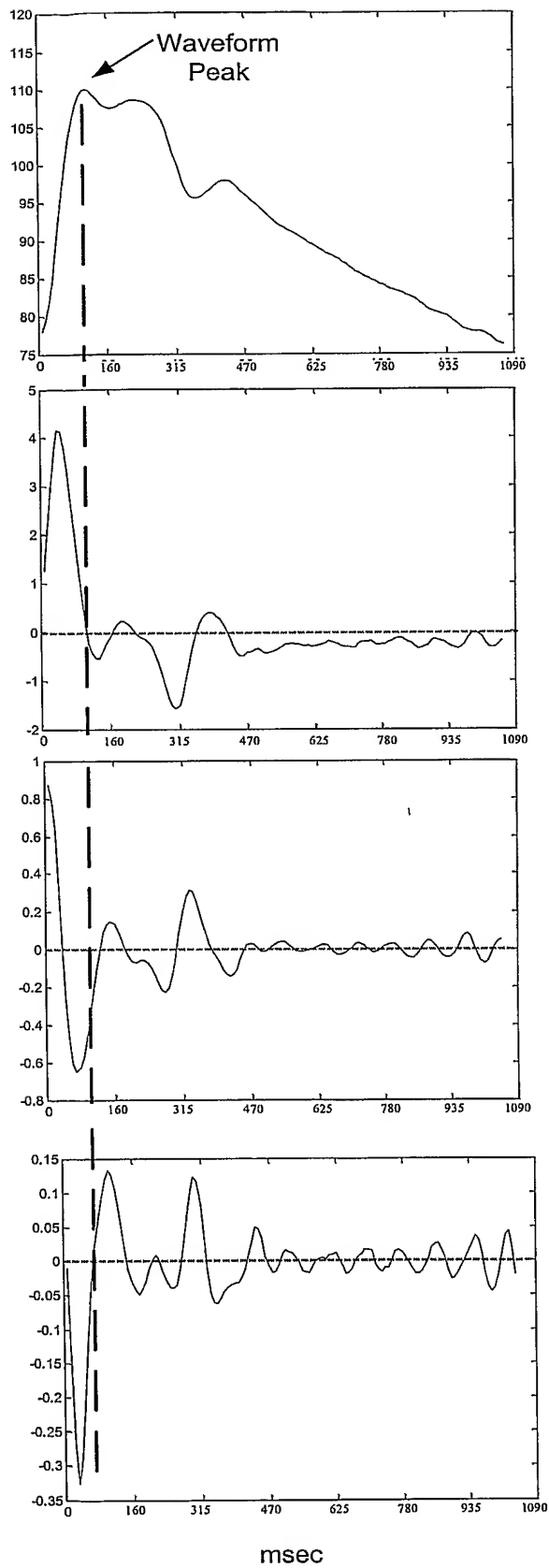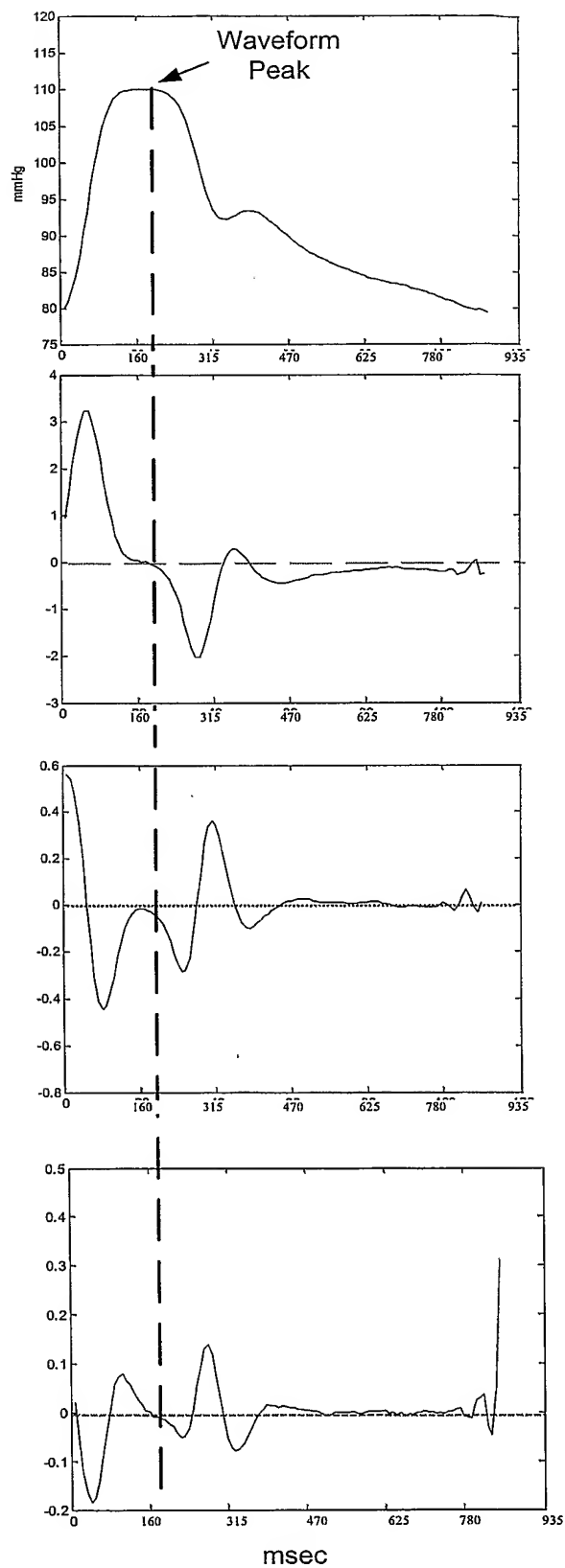
Pressure
Waveform
Type 4

1st Derivative
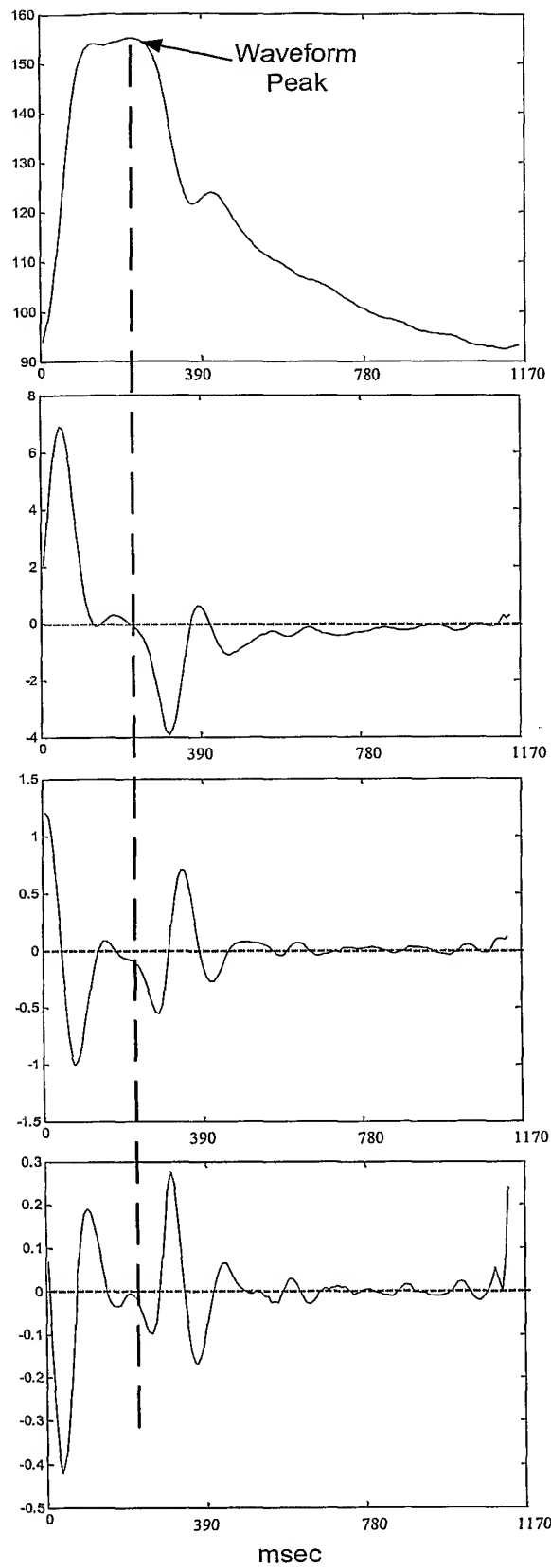
2nd Derivative

3rd Derivative

Fig 4e

Pressure
Waveform
Type 5

1st Derivative

2nd Derivative

3rd Derivative